

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: November 2, 1999, 04:12:54 ; Search time 33.69 Seconds
(without alignments)
64.853 Million cell updates/sec

Title: US-08-978-217-14

Sequence: 1 GRACCTCATGCGCCGCTCAG 21

Scoring table: IDENTITY_NUC

Searched: 192659 seqs, 52021692 residues

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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5	15.2	72.4	2484	4	US-08-209-521-8	Sequence 8, Appl1
6	14.6	69.5	1402	3	US-08-447-965A-1	Sequence 1, Appl1
7	14.4	68.6	1246	1	US-08-097-828-2	Sequence 2, Appl1
8	14.4	68.6	3969	1	US-08-026-138E-16	Sequence 16, Appl1
9	14.4	68.6	1246	2	US-08-480-756-2	Sequence 2, Appl1
10	14.4	68.6	1246	3	US-08-462-403-2	Sequence 2, Appl1
11	14.4	68.6	1248	5	PCT-US92-00331-2	Sequence 2, Appl1
12	14.4	68.6	1246	5	PCT-US93-10419-2	Sequence 2, Appl1
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15	14.2	67.6	9511	1	US-07-925-695-7	Sequence 7, Appl1
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20	14.2	67.6	348	2	US-08-519-777-13	Sequence 13, Appl1
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25	14.2	67.6	2544	3	US-08-469-412A-6	Sequence 6, Appl1
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27	14.2	67.6	2682	5	PCT-US91-07035-3	Sequence 3, Appl1
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32	13.8	65.7	1608	2	US-08-466-390-3	Sequence 3, Appl1
33	13.8	65.7	1608	2	US-08-393-985-11	Sequence 11, Appl1
34	13.8	65.7	6306	2	US-08-470-950-3	Sequence 3, Appl1
35	13.8	65.7	2733	2	US-08-676-974-3	Sequence 3, Appl1
36	13.8	65.7	2733	3	US-08-676-974-3	Sequence 3, Appl1
37	13.8	65.7	3046	3	US-08-726-725-1	Sequence 1, Appl1

C 38	13.8	65.7	4371	3	US-08-803-973-1	Sequence 1, Appl1
C 39	13.8	65.7	2022	3	US-08-803-973-6	Sequence 6, Appl1
C 40	13.8	65.7	2124	3	US-08-803-973-11	Sequence 11, Appl1
C 41	13.8	65.7	6306	3	US-08-467-781-3	Sequence 3, Appl1
C 42	13.8	65.7	6306	3	US-08-195-487-3	Sequence 3, Appl1
C 43	13.8	65.7	4371	3	US-08-803-972-1	Sequence 1, Appl1
C 44	13.8	65.7	2022	3	US-08-803-972-6	Sequence 6, Appl1
C 45	13.8	65.7	2124	3	US-08-803-972-11	Sequence 11, Appl1

ALIGNMENTS

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RESULT 1
US-08-746-789A-1/c
: Sequence 1, Application US/08746789A
: Patent No. 5789200
:
: GENERAL INFORMATION:
: APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
: TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Smithline Beecham Corporation
: STREET: 709 Swedeland Road, P.O. Box 1539
: CITY: King of Prussia
: STATE: PA
: COUNTRY: USA
: ZIP: 19406-0939
: COMPUTER READABLE FORM:
: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
: COMPUTER: IBM 486
: OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
: SOFTWARE: MICROSOFT WORD
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/746, 789A
: FILING DATE: No. 5789200ember 15, 1996
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: William T. Han
: REGISTRATION NUMBER: 34,344
: REFERENCE/DOCKET NUMBER: ATG 50024
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 610 270 5219
: TELEFAX: 610 270 4026
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1920
: TYPE: Nucleic Acid
: STRANDEDNESS: Single
: TOPOLOGY: Linear
: ANTI-SENSE: No
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: US-08-746-789A-1
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: Best Local Similarity 100.0%; Pred. No. 0.082;
: Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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: Db 1119 GRACCTCATGCGCCGCTCAG 1099
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: PCT-US95-02251-17/c
: Sequence 17, Application PC/TUS9502251
: GENERAL INFORMATION:
: APPLICANT:
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING BONE
: TITLE OF INVENTION: CELLS
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OM nucleic - nucleic search, using sw model

Run on: November 2, 1999, 03:31:11 : Search time 33.69 Seconds
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64.853 Million cell updates/sec

Title: US-08-978-217-13

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Scoring table:

Searched: 192659 seqs, 52021692 residues

Database:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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6	15.2	72.4	2167	3	US-08-461-775-9
7	15.2	72.4	1620	3	US-08-461-775-10
8	15.2	72.4	2668	3	US-08-461-775-11
9	15.2	72.4	10763	4	US-08-977-306-1
10	14.8	70.5	2896	2	US-08-441-430-31
11	14.8	70.5	2995	2	US-08-441-430-32
12	14.8	70.5	1801	2	US-08-557-917A-1
13	14.8	70.5	6831	4	US-08-609-049A-27
14	14.6	69.5	4181	1	US-07-670-611-1
15	14.6	69.5	206	1	US-07-670-611-12
16	14.6	69.5	37	1	US-08-303-004-6
17	14.6	69.5	4181	1	US-08-220-674-1
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19	14.6	69.5	4181	1	US-08-445-186-1
20	14.6	69.5	206	1	US-08-445-186-12
21	14.6	69.5	31571	1	US-08-323-443B-1
22	14.6	69.5	4181	2	US-08-446-549-1
23	14.6	69.5	206	2	US-08-446-549-12
24	14.6	69.5	3475	2	US-07-960-389-1
25	14.6	69.5	4181	3	US-08-446-550-1
26	14.6	69.5	206	3	US-08-446-550-12
27	14.6	69.5	3132	3	US-08-224-482-3
28	14.6	69.5	28804	3	US-08-592-874-1
29	14.6	69.5	1245	3	US-08-750-524-2
30	14.6	69.5	2259	4	US-08-845-998-3
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32	14.6	69.5	1137	4	US-09-016-366A-18
33	14.6	69.5	1128	4	US-09-016-366A-20
34	14.6	69.5	1081	4	US-09-016-366A-22
35	14.6	69.5	5434	4	US-08-841-349-1
36	14.4	66.6	1450	1	US-07-923-692C-5
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38	14.4	68.6	1450	1	US-08-184-237-5	Sequence 5, Appl1
39	14.4	68.6	4276	2	US-08-343-380-3	Sequence 3, Appl1
40	14.4	68.6	1450	3	US-08-482-920-5	Sequence 5, Appl1
41	14.4	68.6	1398	4	US-08-896-320-2	Sequence 2, Appl1
42	14.2	67.6	2693	1	US-07-872-644-50	Sequence 50, Appl1
43	14.2	67.6	10627	1	US-08-060-925A-12	Sequence 12, Appl1
44	14.2	67.6	2943	1	US-08-042-747A-7	Sequence 7, Appl1
45	14.2	67.6	1536	1	US-08-114-695A-7	Sequence 7, Appl1

ALIGNMENTS

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RESULT 1
US-08-746-789A-1
: Sequence 1, Application US/08746789A
: Patent No. 5789200
: GENERAL INFORMATION:
: APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
: TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ERF3
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Smithline Beecham Corporation
: STREET: 709 Swedeland Road, P.O. Box 1539
: CITY: King of Prussia
: STATE: PA
: COUNTRY: USA
: ZIP: 19406-0939
: COMPUTER READABLE FORM:
: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
: COMPUTER: IBM 486
: OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
: SOFTWARE: MICROSOFT WORD
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/746, 789A
: FILING DATE: No. 5789200ember 15, 1996
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: William T. Han
: REGISTRATION NUMBER: 34,344
: REFERENCE/DOCKET NUMBER: AFG 50024
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 610 270 5219
: TELEFAX: 610 270 4026
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1920
: TYPE: Nucleic Acid
: STRANDEDNESS: Single
: TOPOLOGY: Linear
: ANTI-SENSE: NO
: US-08-746-789A-1

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US-08-456-647B-1/c
: Sequence 1, Application US/08456647B
: Patent No. 5811516
: GENERAL INFORMATION:
: APPLICANT: Lemke Ph.D. et al., Greg E.
: TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
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